

Title (en)

METHOD FOR THE PRODUCTION OF A COATED METAL SHEET, COMPRISING THE APPLICATION OF AN AQUEOUS SOLUTION CONTAINING AN AMINO ACID, AND ASSOCIATED USE IN ORDER TO IMPROVE CORROSION RESISTANCE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES BESCHICHTETEN BLECHS MIT ANWENDUNG EINER WÄSSRIGEN LÖSUNG MIT AMINOSÄURE, UND ZUGEHÖRIGE VERWENDUNG ZUR VERBESSERUNG DER KORROSIONSBESTÄNDIGKEIT

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UNE TÔLE REVÊTUE COMPRENANT L'APPLICATION D'UNE SOLUTION AQUEUSE COMPRENANT UN AMINOACIDE ET UTILISATION ASSOCIÉE POUR AMÉLIORER LA RÉSISTANCE À LA CORROSION

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Abstract (en)

[origin: WO2016120669A1] The invention relates to a method for the production of a coated metal sheet, comprising the application of an aqueous solution containing an amino acid, and associated use in order to improve corrosion resistance. More specifically, the invention relates to a method for the production of a metal sheet (1), comprising at least the steps of: providing a steel substrate (3) having two faces (5), of which at least one is coated with a metal coating (7) including at least 40 wt.-% zinc; and applying an aqueous solution containing an amino acid to the outer surface (15) of the metal coating (7). The invention also relates to the resulting sheet.

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